

QY 421 WTOKIHESQPIIIVCSKGMKTYVDKXNYKKGCGSGGKGLPLVAVSAIAKLRQAQ 480
 DB 407 WYCKIHESQPIIIVCSKGMKTYVDKXNYKKGCGSGGKGLPLVAVSAIAKLRQAQ 466
 QY 481 SSSAALSKPTAVYFDVSCSDVPGIIDLSTKRLMDNLPCLSHLSRDHGLQBPQOHT 540
 DB 467 SSSAALSKPTAVYFDVSCSDVPGIIDLSTKRLMDNLPCLSHLSRDHGLQBPQOHT 526
 QY 541 QGSRBNYFRSGKGRSLVYALCMNQPIDEBPDEKOPVPPHPPPLAATYRPLAKRPSGL 600
 DB 527 QGSRBNYFRSGKGRSLVYALCMNQPIDEBPDEKOPVPPHPPPLAATYRPLAKRPSGL 586
 QY 601 VLVNWCCKPSPSDPCLKYBAVLGATPADSHSGHGLDDGGRPALDQSAALQPL 660
 DB 587 VLVNWCCKPSPSDPCLKYBAVLGATPADSHSGHGLDDGGRPALDQSAALQPL 646
 QY 661 LHTVKAQSPBDMPRDSGTYDSVPSBSLSLPLMEGLSTDTGTSTSLTBSVSSSGGLQREB 720
 DB 647 LHTVKAQSPBDMPRDSGTYDSVPSBSLSLPLMEGLSTDTGTSTSLTBSVSSSGGLQREB 706
 QY 721 PPLAPBRLTSSGSCRADLACGRTYDELAHVAAPL 753
 DB 707 PPLAPBRLTSSGSCRADLACGRTYDELAHVAAPL 739

RESULT 2

QSERV4 PRELIMINARY, PRT, 739 AA.

Sequence Comparison A

ID QSERV4 PRELIMINARY, PRT, 739 AA.
 AC 05-JUN-2004 (T-EMBLrel. 22, Created)
 DT 01-OCT-2002 (T-EMBLrel. 22, Last sequence update)
 DT 01-MAR-2004 (T-EMBLrel. 26, Last annotation update)
 DB Interleukin 17 receptor-like protein long form.
 GN Name=IL17RLN;
 OS Homo sapiens (human).
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 OC Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
 RX NCBI_TaxID=9606;
 RN [1]
 RP SEQUENCE FROM N.A.
 RA PubMed-12958313; DOI=10.1074/jbc.M306936200;
 RA Xiong S., Zhao Q., Kong Z., Huang G., Huang Y., Chen P., Zhang S.,
 RA Liu L., Chang Z.,
 RT "Shet inhibits PC-12 cell differentiation by interfering with Ras-
 RT mitogen-activated protein kinase MAPK signaling".
 RL J. Biol. Chem. 278:50273-50282(2003).
 RN [2]
 RP SEQUENCE FROM N.A.
 RA Xiong S.O., Huang G.R., Zhao Q.H., Chen P.L., Kong Z.L., Ye X.Y.,
 RA Chen Y., Liu L., Pu X.Y., Chang Z.J.,
 RL Submitted (MAR-2002) to the EMBL/GenBank/DBJ databases.
 DR BMBL; A4964308; AAM74072.1;
 DR GenBank; NC_011761; U11760.
 DR GO; GO:0016020; C:membrane; IEA.
 DR GO; GO:0004888; P:transmembrane receptor activity; IEA.
 DR InterPro; IPR000157; TIR.
 KM RECEPTOR.
 QY SEQUENCE 739 AA; 82441 MW; BCD2A95261B0277 CRC64;
 Best Local Similarity 97.6%; Score 3915; DB 2; Length 739;
 Matches 737; Conservative 1; Mismatches 1; Indels 14; Gaps 1;

DB 107 FLKGFVTLBELKSGRCQOOLILKDPKQLNSBFRKTKMSRQPLLNKRETDYFVAVPP 166
 QY 181 PSIKNSBNYHPPFPFTRTCDLLQPDNLACSPFKRPNNLINSQHGDMQVSPHAFNPG 240
 DB 167 PSIKNSBNYHPPFPFTRACDILLQPDNLACSPFKRPNNLINSQHGDMQVSPHAFNPG 226
 QY 241 PRPPTLYTLNHRGPKRRTCKROBOTETTSCLQVNSRBDYTLIELVDOTTRKRYMHA 300
 DB 227 PRPPTLYTLNHRGPKRRTCKROBOTETTSCLQVNSRBDYTLIELVDOTTRKRYMHA 286
 QY 301 LKPVHSPWAPPIRAVALITPVLTVAATLFTVCKRCKQENIYSHLDBSSSSSTTTAA 360
 DB 287 LKPVHSPWAPPIRAVALITPVLTVAATLFTVCKRCKQENIYSHLDBSSSSSTTTAA 346
 QY 361 LPRERLAPRKVPLCYSSKDCQNNHNVQCFAYFLQDFCCRYALDLMDPFLCKRQRE 420
 DB 347 LPRERLAPRKVPLCYSSKDCQNNHNVQCFAYFLQDFCCRYALDLMDPFLCKRQRE 406
 QY 421 WTOKIHESQPIIIVCSKGMKTYVDKXNYKKGCGSGGKGLPLVAVSAIAKLRQAQ 480
 DB 407 WYCKIHESQPIIIVCSKGMKTYVDKXNYKKGCGSGGKGLPLVAVSAIAKLRQAQ 466
 QY 481 SSSAALSKPTAVYFDVSCSDVPGIIDLSTKRLMDNLPCLSHLSRDHGLQBPQOHT 540
 DB 467 SSSAALSKPTAVYFDVSCSDVPGIIDLSTKRLMDNLPCLSHLSRDHGLQBPQOHT 526
 QY 541 QGSRBNYFRSGKGRSLVYALCMNQPIDEBPDEKOPVPPHPPPLAATYRPLAKRPSGL 600
 DB 527 QGSRBNYFRSGKGRSLVYALCMNQPIDEBPDEKOPVPPHPPPLAATYRPLAKRPSGL 586
 QY 601 VLVNWCCKPSPSDPCLKYBAVLGATPADSHSGHGLDDGGRPALDQSAALQPL 660
 DB 587 VLVNWCCKPSPSDPCLKYBAVLGATPADSHSGHGLDDGGRPALDQSAALQPL 646
 QY 661 LHTVKAQSPBDMPRDSGTYDSVPSBSLSLPLMEGLSTDTGTSTSLTBSVSSSGGLQREB 720
 DB 647 LHTVKAQSPBDMPRDSGTYDSVPSBSLSLPLMEGLSTDTGTSTSLTBSVSSSGGLQREB 706
 QY 721 PPLAPBRLTSSGSCRADLACGRTYDELAHVAAPL 753
 DB 707 PPLAPBRLTSSGSCRADLACGRTYDELAHVAAPL 739

RESULT 3

QSERV4 PRELIMINARY, PRT, 707 AA.

ID QSERV4 PRELIMINARY, PRT, 707 AA.
 AC 05-JUN-2004 (T-EMBLrel. 27, Created)
 DT 05-JUN-2004 (T-EMBLrel. 27, Last sequence update)
 DT 05-JUN-2004 (T-EMBLrel. 27, Last annotation update)
 DB BSE splice variant b.
 GN Homo sapiens (human).
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 OC Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
 RX NCBI_TaxID=9606;
 RN [1]
 RP SEQUENCE FROM N.A.
 RA TISUS-Testes;
 RA PubMed-14742870; DOI=10.1073/pnas.0307952100;
 RA Preger R., Ziv I., Shadley A., Sher I., Teang M., David I.B.,
 RA Altuvia Y., Ron D.,
 RT "Alternative splicing generates an isoform of the human Set gene with
 RT altered subcellular localization and specificity".
 RL Proc. Natl. Acad. Sci. U.S.A. 101:1329-1334(2004).
 DR BMBL; AY489047; AAS15051.2;
 DR GO; GO:0016020; C:membrane; IEA.
 DR GO; GO:0004888; P:transmembrane receptor activity; IEA.
 DR InterPro; IPR000157; TIR.
 QY SEQUENCE 707 AA; 79493 MW; 703B21B0308P17B CRC64;
 Best Local Similarity 92.4%; Score 3708; DB 2; Length 707;
 Matches 696; Conservative 1; Mismatches 1; Indels 0; Gaps 0;